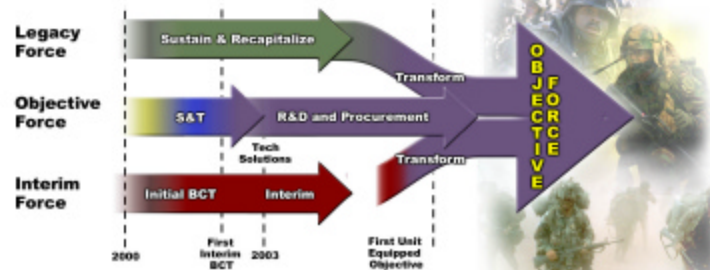




The Army Transformation



*... Responsive, Deployable, Agile, Versatile,
Lethal, Survivable, Sustainable.*

2002 TACTICAL WHEELED VEHICLES CONFERENCE - "TWV'S IN TRANSFORMATION, THE INTERIM TO THE FUTURE" G-8 PERSPECTIVE

JANUARY 28, 2002

**BG ELBERT N. PERKINS
DIRECTOR OF MATERIEL
G-8**



TOPICS

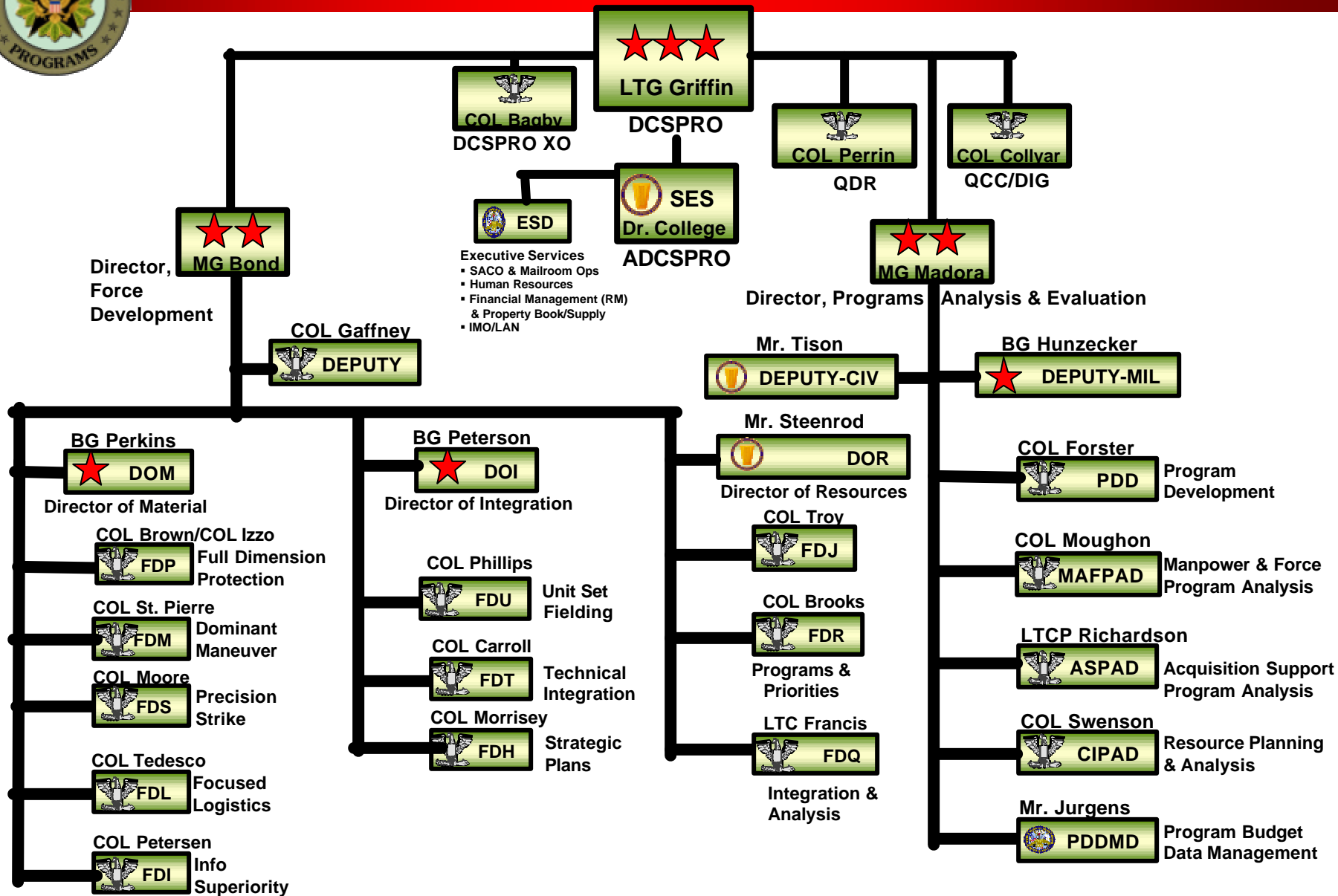


**ODCSPRO ORGANIZATION
INTERIM FORCE
TRUCK TRANSFORMATION
RECAP
SAFETY AND DIANOLOGISTICS
FUTURE TACTICAL TRUCK
SYSTEM
REQUIREMENTS
FUNDING
SUMMARY**



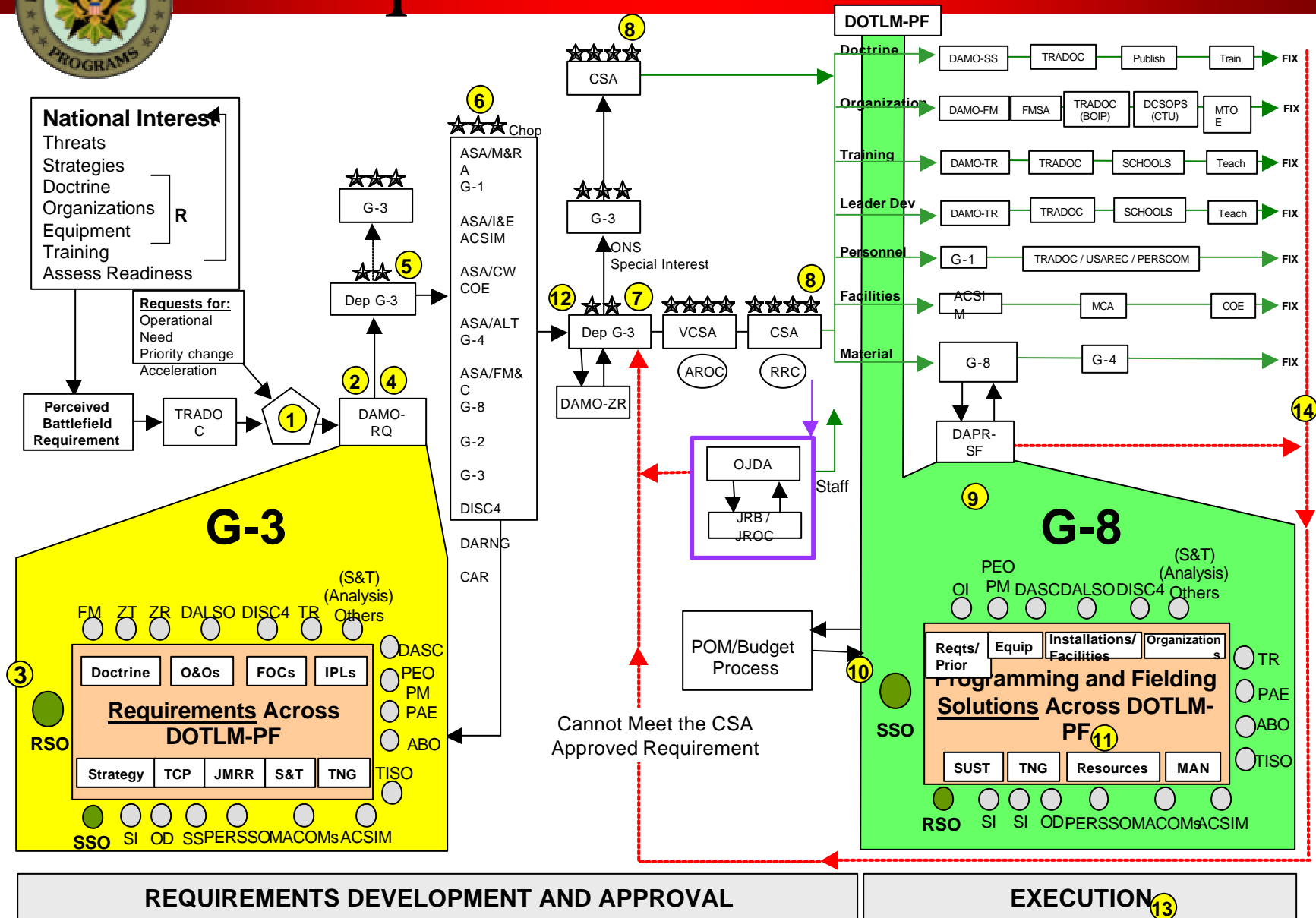


Deputy Chief of Staff for Programs



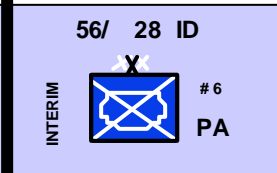
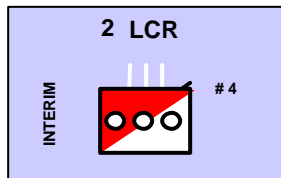
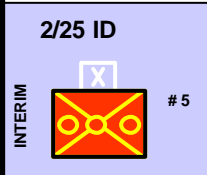
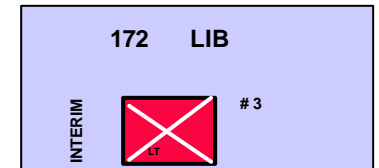
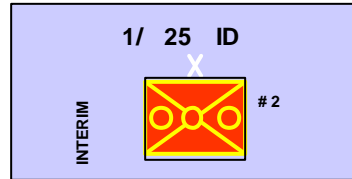
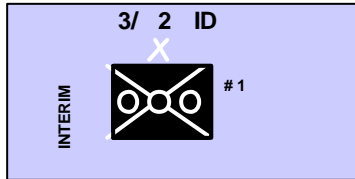


Requirements to Solutions





INTERIM FORCE SYSTEMS





RECAP PROGRAMS



HEMTT ESP (PROCUREMENT FUNDED)



HMMWV PROGRAM (OMA FUNDED)





NEW SYSTEMS TO BE FIELDED



YARD TRACTOR - M878A2



FIFTH WHEEL TOWING DEVICE (FWTD)



SAFETY

CREW PROTECTION.
COLLISION WARNING SYSTEM.
ANTILOCK BRAKES.
3 AND 4 POINT SEAT BELTS.
BOLT TOGETHER WHEELS.
REDESIGN OF VEHICLE CABS.



DIAGNOSTICS

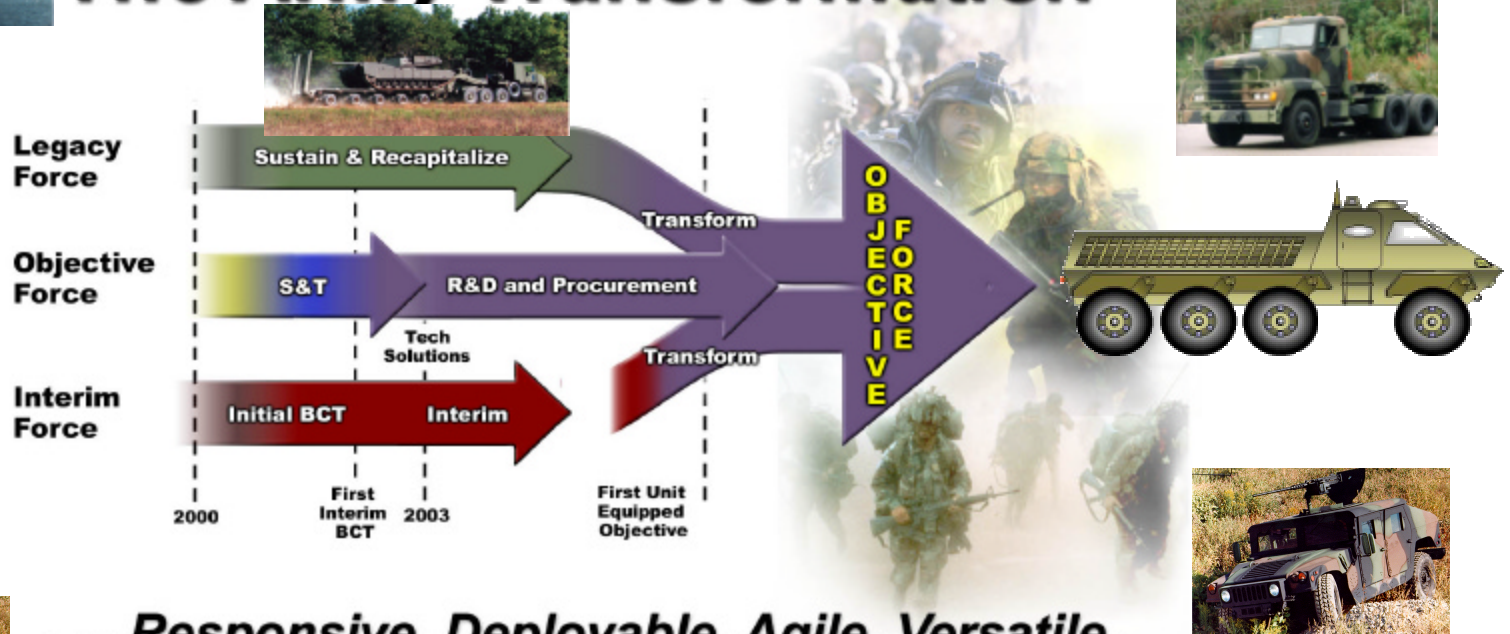


- Interactive Electronic Tech Manuals (IETMs)
 - Cost Savings and Cost Avoidance Opportunities
 - Diagnostic and Prognostic Capabilities
 - Reduced Cycle Time for Troubleshooting
 - Reduced No Evidence of Failure (NEOFs)



ARMY TRUCK TRANSFORMATION

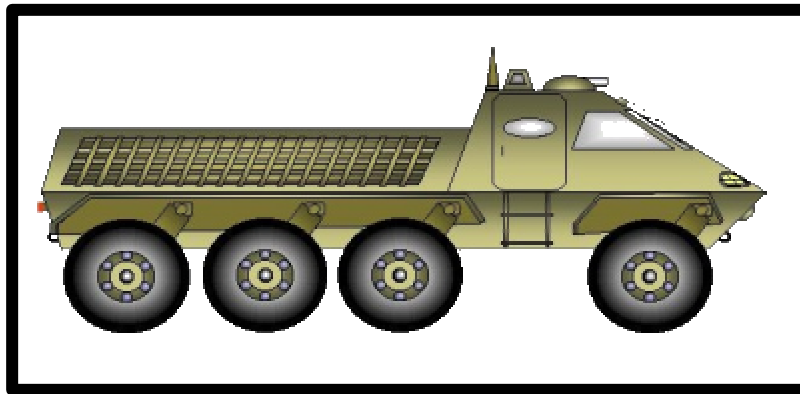
The Army Transformation



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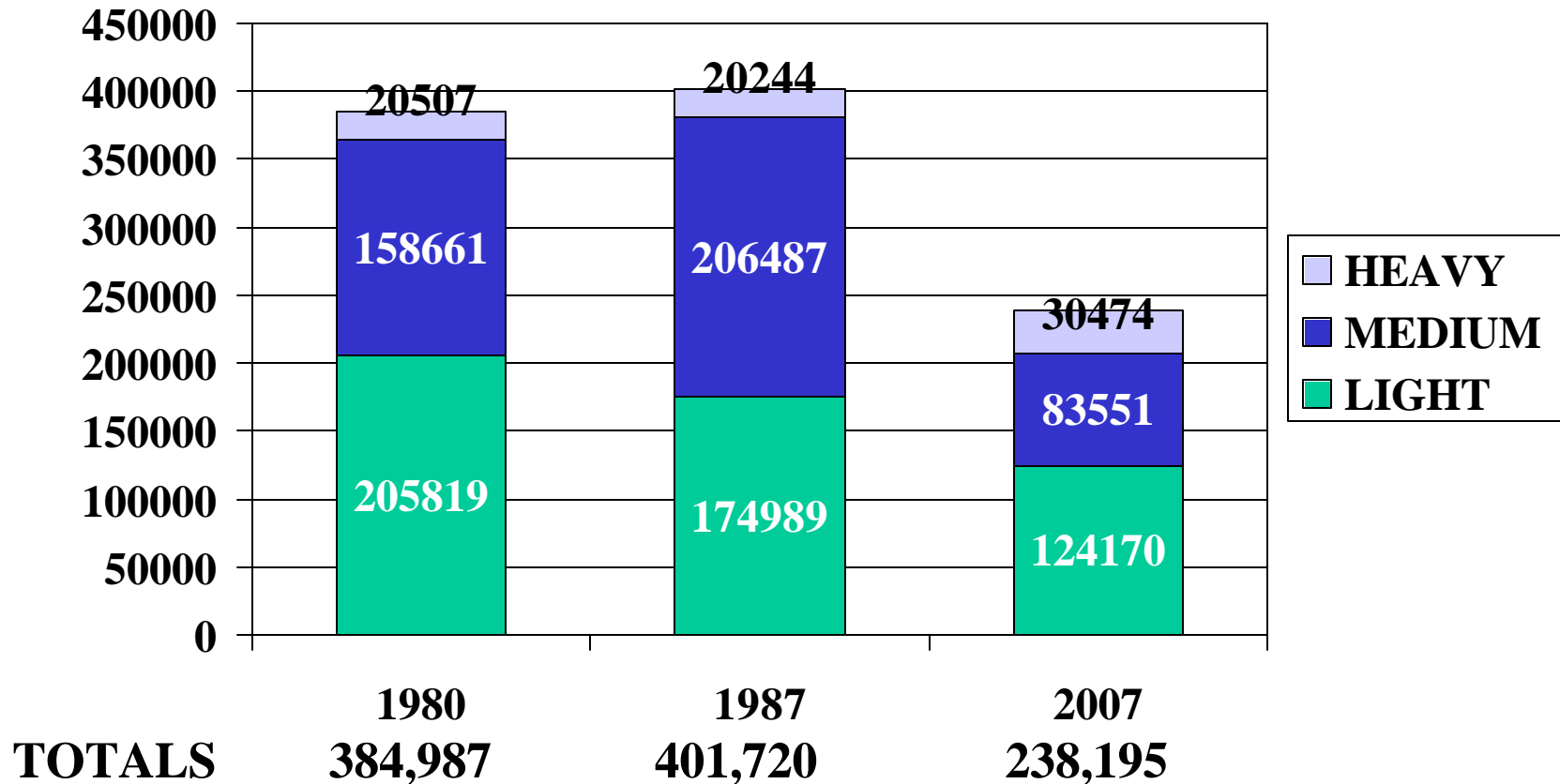
FUTURE TACTICAL TRUCK SYSTEM (FTTS)



- ✓ ENHANCED MOBILITY
- ✓ STRATEGIC DEPLOYABILITY
- ✓ INTEGRATED SURVIVABILITY
- ✓ SYSTEMS INTEGRATION
- ✓ OPEN SYSTEMS ELECTRONIC ARCHITECTURE
- ✓ LIGHTWEIGHT STRUCTURE/ARMOR
- ✓ ADVANCED CREW STATION
- ✓ ENHANCED WEAPON MOUNTING CAPABILITY

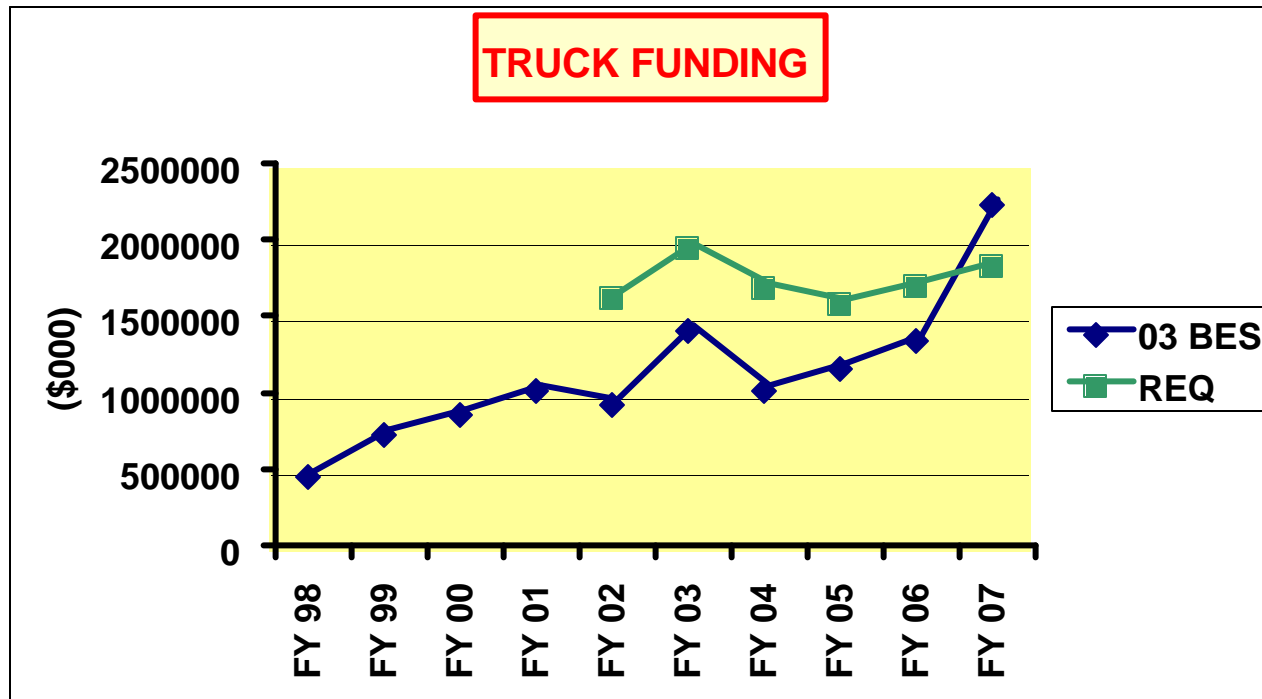


TRUCK REQUIREMENTS OVER TIME





FUNDING PROFILE



FY 03-07 REQUIRES AVERAGE \$1.8B PER YEAR
FY 03-07 FUNDED AVERAGE \$1.5B PER YEAR
REQUIRES ADDITIONAL \$.3B PER YEAR



Competing Resourcing Capabilities

- USF
- IBCT (acceleration?) vs. Counterattack Corps
- IDIV
- Objective Force/ S&T
- Software Blocking
- Smart Munitions
- Digitization (Interoperability)
- Continue RECAP
- Procurement for Crusader and Comanche
- Full Dem. Protection/Terrorism/HLS



**Defining
Acceptable Risk**

Synchronization of Army Priorities Across the PEGs



EE PEG Resourcing Dilemma

Funding is not sufficient to cover the full extent of every program

Complex System & Munitions

Many are high cost

FCS	RAH 66	
Crusader	Munitions	
Longbow	Patriot	
LOSAT	M1A2SEP	
ACS	M2A2	
JLENS	IAV	
TOW F&F	ASAS III	
DCGS-A	M270A1	
ARL	LW 155	
Sentinel ER	Shadow	
Avenger STC	Striker II	



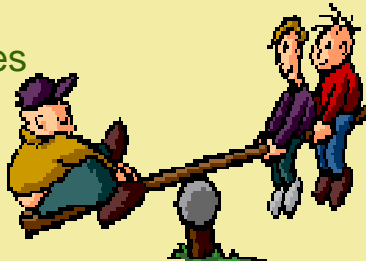
Solution

Requirements

Quantities

Resources

POM Dollars



Achieve balance through

- Continuous validation of capabilities and quantities
- Bang for the Buck distribution of resources

Integrate across the PEGs



2000 2015
Nearly all have overlapping Long Production Timelines

The rest of the Army is also high cost (i.e., sustainment)



Focused Logistics



Personnel



CONGRESSIONAL SUPPORT FY 02



KEY PLUS UPS:

- \$17.5M FOR HEMTT (NGREA).
- \$1.0M FOR TRAILERS.
- \$2.5M FOR HETS (NGREA).
- \$36.5M FOR HMMWV (AC & NGREA).
- \$3.5M FOR ARMORED SECURITY VEHICLE.
- \$3.5M FOR MODIFICATIONS (ALUMINUM MESH TANK LINER).



SUMMARY

TOA CONSTRAINTS PREVENT THE ARMY FROM FULLY FUNDING TACTICAL WHEELED VEHICLES. PART OF THE ARMY'S VISION IS REDUCTION OF THE LOGISTICS FOOTPRINT. TRUCKS PLAY A KEY ROLE TO ACHIEVE THAT REDUCTION. THANKS TO INDUSTRY AND CONGRESS FOR CONTINUED SUPPORT OF PROGRAMS.

**CHALLENGE TO INDUSTRY:
ACCELERATE DEVELOPMENT OF TECHNOLOGICALLY
ADVANCED VEHICLES.**